

110.4 - Agricultural Materials (powder form)

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	Aluminum	Antimony	Arsenic	Barium	Boron	Bromine	Cadmium	Calcium	Cerium	Cesium	Chlorine	Chromium	Cobalt	Copper	Europium
1515	Apple Leaves	50 g	286	(0.013)	0.038	49	27	(1.8)	(0.013)	1.526*	(3)		579	(0.3)	(0.09)	5.64	(0.2)
1547	Peach Leaves	50 g	249	(0.02)	0.060	124	29	(11)	(0.026)	1.56*	(10)		360	(1)	(0.07)	3.7	(0.17)
1570a	Trace Elements in Spinach Leaves	60 g	310		0.068		37.6		2.89	1.527*					0.39	12.2	(0.0054)
1573a	Tomato Leaves	50 g	598	0.063	0.112	(63)	33.3	(1300)	1.52	5.05*	(2)	(53)	(6600)	1.99	0.57	4.70	
1575a	Trace Elements in Pine Needles	50 g powder	580		0.039	6.0	9.6		0.233	0.25*	(0.11)	0.283	421	(0.3-0.5)	0.06	2.8	
2695	Fluoride in Vegetation	2 x 25 g															
8412	Corn Stalk (Zea mays)	34 g								0.216*			0.244*			8	
8413	Corn Kernel (Zea mays)	47 g	(4)							42			(450)			3.0	

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SRM	Description	Unit Size	Fluorine	Gadolinium	Gold	Hydrogen	Iodine	Iron	Lanthanum	Lead	Magnesium	Manganese	Mercury	Molybdenum	Neodymium	Nickel	Nitrogen
1515	Apple Leaves	50 g		(3)	(0.001)		(0.3)	(83)	(20)	0.470	0.271*	54	0.044	0.094	(17)	0.91	2.25*
1547	Peach Leaves	50 g		(1)			(0.3)	(218)	(9)	0.87	0.432*	98	0.031	0.060	(7)	0.69	2.94*
1570a	Trace Elements in Spinach Leaves	60 g								(0.20)	(0.89*)	75.9	0.030			2.14	5.90*
1573a	Tomato Leaves	50 g		(0.17)		(5.2*)	(0.85)	368	(2.3)		(1.2*)		0.034	(0.46)		1.59	3.03*
1575a	Trace Elements in Pine Needles	50 g powder						46		0.167	0.106	488	0.0399			1.47	
2695	Fluoride in Vegetation	2 x 25 g	64 / 277														
8412	Corn Stalk (Zea mays)	34 g	(0.65)					139			0.160*	15					(6970)
8413	Corn Kernel (Zea mays)	47 g	(0.24)					(23)			0.0990*	4.0					(13750)

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SRM	Description	Unit Size	Phosphorus	Potassium	Rubidium	Samarium	Scandium	Selenium	Sodium	Strontium	Sulfur	Terbium	Thorium	Tin	Tungsten	Uranium	Vanadium
1515	Apple Leaves	50 g	0.159*	1.61*	10.2	(3)	(0.03)	0.050	24.4	25	(0.18*)	(0.4)	(0.03)	(< 0.2)	(0.007)	(0.006)	0.26
1547	Peach Leaves	50 g	0.137*	2.43*	19.7	(1)	(0.04)	0.120	24	53	(0.2*)	(0.1)	(0.05)	(< 0.2)		(0.015)	0.37
1570a	Trace Elements in Spinach Leaves	60 g	0.518*	2.903*	(13)		(0.055)	0.117	1.818*	55.6	(0.46*)		0.48			(0.15)	0.57
1573a	Tomato Leaves	50 g	0.216*	2.70*	14.89	(0.19)	(0.1)	0.054	136	(85)	(0.96*)		(0.12)			(35)	0.835
1575a	Trace Elements in Pine Needles	50 g powder	0.107*	0.417*	16.5		0.0101	0.099	63								
2695	Fluoride in Vegetation	2 x 25 g															
8412	Corn Stalk (Zea mays)	34 g		1.735*				(0.016)	(28)	12							
8413	Corn Kernel (Zea mays)	47 g		0.357*				(0.004)									

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